AMENDMENTS TO THE CLAIMS:

The listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (Currently amended) In a combination for providing signals at different positions in a patient,

a vest constructed to be worn by the patient[[,]] when the patient has a small, medium or large size, ~~regardless of the patient's size~~

a plurality of electrodes,

~~a plurality of positions in the vest for receiving the electrodes, individual positions in the plurality of positions being disposed to receive the electrodes for signals indicating measuring the characteristics of the patient's heart when the patient has a small, medium or large size, the positions of the electrodes for the patient of small, medium and large size being individual relative to the positions of the electrodes for patient of the other ones of the small, medium and large sizes, thereby to obtain signals indicating the characteristics of the patient's heart when the patient has a small, medium or large size and~~

the electrodes providing signals indicating characteristics of the hearts of the patient having individual ones of the small, medium and large sizes, the predetermined positions of the electrodes for patients of each individual one of the small, medium and large sizes being different from the predetermined positions of the electrodes for the patients having the other ones of the small, medium and large sizes; and

amplifiers responsive to the signals on the electrodes at the individual positions in the vest for the patients having the individual one of the small, medium and large sizes for providing signals indicating the characteristics of the patient's heart at the different positions for the patient ~~when the patient has a small, medium or large size.~~

without interference from noise and with characteristics corresponding to the characteristics of the signals at the electrodes.

2. (Currently amended) In a combination as set forth in claim 1 wherein

the electrodes are positioned at the individual positions in the vest to measure V_1-V_6 positions in the patient ~~when the patient has a small, medium or large size~~ for the individual one of the small, medium and large sizes of the patients and wherein

the amplifiers provide the signals at the individual ones of the V_1-V_6 positions of the patient's heart when the patient has the individual one of the small, medium [[or]] and large [[size]] sizes and wherein

the electrode for each individual one of the V_1-V_6 positions in the patient's heart is the same for patients having the small, medium and large sizes.

3. (Currently amended) In a combination as set forth in claim [[1]] 2 wherein

the electrodes measure individual ones of the V_1-V_6 positions in the patient when the patient has the individual one of the small, medium [[or]] and large [[size,]] sizes, and wherein

the amplifiers have a unity gain and provide the signals indicating the characteristics of the patient at the individual ones of the V_1-V_6 positions for the patient when the patient has the individual one of the small, medium [[or]] and large [[size]] sizes and wherein

the electrodes are disposed on the vest in rows and columns and wherein

each of the electrodes in the vest is disposed in the vest in an individual ~~ones~~ one of the columns relative to the disposition of the other electrodes in the vest when the patient has [[an]] the individual one of the small, medium and large sizes

4. (Currently amended) In a combination as set forth in claim 1 wherein

the positions in the vest are disposed in rows and columns and wherein

each of the amplifiers provides indications of the heart in [[the]] an individual [[ones]] one of the rows at an individual one of the columns when the patient has the individual one of the [[a]] small, medium and [[or]] large [[size]].sizes.

5. (Currently amended) In a combination as set forth in claim 1 wherein

an inflator is associated with the electrodes at the individual positions ~~are provided with~~ to apply pressures of the electrodes against the body of the patient of at least a particular value to facilitate a production by the patient of signals indicating the characteristics of the patient at the individual positions when the patient has the individual one of the small, medium and [[or]] large [[size]].sizes.

6. (Currently amended) In a combination as set forth in claim 2 wherein

each of the electrodes measures an individual [[ones]] one of the V_1-V_6 positions for the patient when the patient has an individual one of the small, medium [[or]] and larges size and wherein

the amplifiers have a unity gain and provide signals indicating the characteristics of the patient's heart at the individual ones of the V_1-V_6 positions ~~for the patient~~ when the patient has the individual one of the small, medium [[or]] and large sizes and wherein

the positions in the vest are disposed in rows and columns and wherein

each of the amplifiers provides an indication[[s]] of the heart in an individual ones of the rows at an individual one of the columns when the patient has the individual one of the ~~a~~ small, medium and [[or]] large sizes and wherein

inflatable members are associated with the electrodes at the individual positions ~~are provided with~~ to apply pressures of the electrodes against the body of the patient of at least a particular value to facilitate the production by the patient of signals indicating the characteristics of the patient's heart at the individual positions.

7. (Currently amended) In combination for providing signal indications at a plurality of positions in a patient,

a vest having a plurality of positions and constructed to be disposed on a patient's body for ambulatory movements of the patient while measurements are being made at individual positions in the patient of the characteristics of the patient when the patient has an individual one of a plurality of different sizes,

a plurality of electrodes each constructed to be disposed on the vest at an individual one of the positions in the vest for providing ~~a measurement~~ an indication at the [[an]] individual one of the positions in the patient of the characteristics of the patient at that position for patients of an individual one of the different sizes in the plurality,

each position in the plurality in the patient's heart being provided at an individual one of the positions in the vest to receive an individual one of the electrodes ~~regardless of the size of the patient,~~ for patients of the different sizes, and

a plurality of amplifiers, each adapted to be connected to an individual one of the electrodes to receive signals from the individual one of the electrodes ~~regardless of the size of the patient.~~ for the patients of the individual one of the different sizes in the plurality, each of the amplifiers having a unity gain.

8. (Currently amended) In a combination as set forth in claim 7 including

an electrode assembly disposed on the vest and including a plurality of electrodes each constructed ~~connected~~ to provide the signals to an individual one of the amplifiers regardless of the size of the patient.

9. (Currently amended) In a combination as set forth in claim 7 wherein

the vest is provided with rows and columns of positions and wherein

the electrodes are disposed in individual ones of the positions depending upon ~~whether the patient has a small, medium or large size~~ the individual one of the sizes of the patient in the plurality, and wherein

each amplifier is adapted to be connected to an individual one of the electrodes, when the patient has ~~a small, medium or large size,~~ the individual one of the different sizes in the plurality, to provide signals representing [[an]] individual

characteristics of the patient's heart at the individual one of the positions in the patient ~~regardless of the size of the patient~~.

10. (Currently amended) In a combination as set forth in claim 7 wherein the positions on the vest are disposed in rows and columns and wherein each amplifier provides signals in an individual one of the columns depending upon the individual one of the different sizes of the patient ~~when the patient has a small, medium or large size~~ and wherein

each amplifier provides an indication of the signal at [[on]] an individual one of V_1-V_6 positions in the patient when the patient has the individual one of the different in size in the plurality ~~a small, medium or large size.~~

11. (Currently amended) In a combination as set forth in claim 7 wherein ~~the electrodes for the patient,~~ when the patient has the individual one of the different sizes in the plurality, the electrodes for the patient ~~a small, medium or large size,~~ are positioned on the vest so that at most only one electrode is disposed in each column of the positions on the vest ~~regardless of the size of the patient, for an individual one of small, medium and large size in the patient~~.

12. (Currently amended) In a combination as set forth in claim 7 wherein each electrode is disposed on the vest and is associated with an individual one of a plurality of inflators to apply a pressure against the electrode ~~with a pressure against the patient~~ at least equal to a particular value.

13. (Currently amended) In a combination as set forth in claim 8 wherein the electrodes are disposed in rows and columns and wherein each amplifier is adapted to be connected to an individual one of the electrodes, when the patient has ~~a small, medium or large size,~~ one of the different sizes in the plurality, to provide signals representing the [[an]] individual one of the different positions in the patient, ~~regardless of the size of the patient~~ and wherein

each amplifier provides signals in an individual one of the columns when the patient has the [[an]] individual one of the different ~~small, medium or large~~ sizes in the plurality and wherein

each amplifier provides an indication of an individual one of V_1-V_6 positions in the patient for an individual one of the different ~~a small, medium and large~~ size[[s]] in the plurality, and wherein

~~the electrodes for the patient,~~ when the patient has the [[an]] individual one of the different sizes in the plurality, the electrodes for the patient ~~small, medium or large size,~~ are positioned on the vest so that at most only one of the electrodes is disposed in each column ~~of the positions on the vest~~ for the individual one of the different sizes in the plurality, ~~small, medium and large sizes regardless of the patient's size~~ and wherein

an inflator is associated with each individual one of the electrodes [[is]] ~~disposed on the vest against the patient with at least a particular pressure.~~ to apply at least a particular pressure against the electrode.

14. (Currently amended) In a combination for providing signals at different positions in a patient,

a vest having a plurality of positions for determining the characteristics of the patient for different ones of a plurality of patient sizes, ~~regardless of the size of the patient,~~ and

a plurality of electrodes, each adapted to be connected to the vest at an individual one[[s]] of the positions in the vest, and

a plurality of unity-gain amplifiers, each providing signals indicating characteristics of the patient's heart at an individual one of the positions when the patient has an individual one of the different sizes in the plurality, ~~regardless of the size of the patient,~~

[[an]] inflatable members for inflating the vest with the vest disposed on the patient to press the electrodes against the patient for enhancing the passage of the signals from the patient to the electrodes.

15. (Previously presented) In a combination as set forth in claim 14,

a member carried by the patient and having a plurality of terminals for receiving the signals from the different electrodes.

16. (Currently amended) In a combination as set forth in claim [[12]] 14 wherein

the amplifiers are disposed on the vest ~~member~~ and are connected to the electrodes and wherein

~~a member is attached to~~ the amplifiers [[vest to]] provide for the production of signals from the patient at the electrodes, even when [[while]] the patient is ambulatory, without affecting the characteristics of the signals from the patient and wherein

the amplifiers are constructed to amplify the signals from the electrodes without affecting the characteristics of the signals from the electrodes and to provide the signals at a noise level below that affecting the characteristics of the signals, even when [[while]] the patient is ambulatory.

17. (Currently amended) In a combination as set forth in claim 14 wherein

the vest has a plurality of positions, dependent upon the individual one of the patient sizes, for receiving electrodes to measure the characteristics of the patient at positions V_1-V_6 in the patient.

18. (Currently amended) In a combination as set forth in claim 17 [[15]] wherein

the electrodes are ~~member is~~ adapted to be attached to the vest to provide for the production of signals at the electrodes, even when [[while]] the patient is ambulatory, without affecting the characteristics of the signals produced at the amplifiers ~~electrodes~~ and ~~wherein~~ without the production of noise at a level affecting the characteristics of the signals from the amplifiers, and wherein

the vest has a plurality of positions, dependent upon the size of the patient, for receiving the electrodes to measure the characteristics of the patient at the positions V_1-V_6 on the patient.

19. (Currently amended) In a combination for providing signals at different positions in a patient,

a vest constructed to be worn by the patient when the patient has an individual one of a small, medium or large size,

a plurality of positions on the vest, the positions being disposed in rows and columns,

electrodes disposed in the vest at particular ones of the positions in the vest, the particular ones of the positions being dependent upon the small, medium or large size of the patient wearing the vest,

there being at most only one electrode in each column in the vest for each of the small, medium and large sizes of the patient, wherein[[.]]

each of the electrodes is disposed in the vest adjacent an individual one of V_1-V_6 positions in the patient's heart regardless of the small, medium or large size of the patient.

20. (Currently amended) In a combination as set forth in claim 19,

a plurality of unity-gain amplifiers each responsive to the signals from the electrode in an individual one of the columns, different from the other columns in which the electrodes are disposed, for receiving the signals in the patient[[.]] and for providing signals from the amplifiers with characteristics corresponding to the characteristics of the signals on the electrodes and at a noise level not affecting the characteristics of the signals from the amplifiers.

21. (Previously presented) In a combination as set forth in claim 20 wherein

the amplifiers are adapted to be attached to the vest in a closely coupled relationship to the vest to be carried by the patient in an ambulatory relationship of the patient.

22. (Currently amended) In a combination as set forth in claim 20, wherein the amplifiers are constructed, and are adapted to be connected to the electrodes, to provide signals of stable characteristics from the electrodes regardless of the small, medium or large size of the patient and even while the patient is ambulatory.

23. (Currently amended) In a combination as set forth in claim 20 wherein each of the amplifiers is constructed to reduce noise in the signals from the electrodes to a level below that affecting the characteristics of the signals from the electrodes, and to provide the same characteristics as the characteristics of the signals in the electrodes, even when the patient is ambulatory. ~~the signals from the amplifiers are independent of any noise that may result from the ambulatory nature of the patient.~~

24. (Currently amended) In a combination as set forth in claim 22 wherein each of the amplifiers is constructed to reduce noise in the signals from the electrodes to a level below that affecting the characteristics of the signals from the electrodes and to produce signals with the same characteristics as the characteristics of the signals from the electrodes, even when the patient is ambulatory. ~~the signals from the amplifiers are independent of any noise that may result from the ambulatory nature of the patient.~~

25. (Currently amended) In a combination as set forth in claim 19, an inflator for inflating the vest against the patient's body to provide ~~for providing~~ an adjustable pressure of the electrodes against the patient's body.

26. (Currently amended) In a combination as set forth in claim 20 [[19]] an inflator for inflating the vest against the patient's body to provide at least a particular pressure of each electrode against the patient's body.

27. (Currently amended) In a combination as set forth in claim 19 wherein an inflator ~~each of the electrodes~~ is individually inflatable against the patient's body at a position of an individual one of the electrodes to provide at least a particular pressure between the individual one of the electrodes and the patient's body.

28. (Currently amended) In a combination as set forth in claim 23 wherein an inflator associated with each individual one of the electrodes is ~~individually~~ inflatable against the electrode ~~patient's body~~ to provide, between the electrode and the patient's body, a pressure which is at least a particular value.

29. (Currently amended) In a combination as set forth in claim 23, including a plurality of amplifiers each responsive to the signals from an individual one of the electrodes ~~in an individual one of the columns~~, regardless of the patient's small, medium or large size, for amplifying the signals at [[in]] the electrode to reduce noise to a level below that affecting the characteristics of the signals from the amplifier, and to provide the signals from the amplifier with characteristics corresponding to the characteristics of the patient's heartbeat signals, even when the patient is ambulatory.

30. (Currently amended) In a combination as set forth in claim 24 a plurality of amplifiers each responsive to the signals from an individual one of the electrodes, ~~in an individual one of the columns,~~ regardless of the patient's small, medium or large size, for amplifying the signals in the electrode[[.]] to reduce noise to a level below that affecting the characteristics of the signals from the amplifier, and to provide the signals from the amplifier with characteristics corresponding to the characteristics of the patient's heartbeat signals, even when the patient is ambulatory.

31. (Previously presented) In a combination as set forth in claim 20, each of the electrodes is individually inflatable against the patient's body to provide, between the electrode and the patient's body, a pressure which at least equals a particular value.

32. (Currently amended) In a combination for providing signals at different positions in a patient,

a vest constructed to be worn by the patient when the patient has any individual one of a plurality of different sizes, ~~regardless of the size of the patient,~~

a plurality of positions disposed on the vest in rows and columns in an upper right portion of the vest and in rows and columns ~~positions~~ in a lower left portion of the vest, and

electrodes disposed on the vest in positions in the upper right portion of the vest and in positions in the lower left portion of the vest, the positions of the electrodes in the upper right portion of the vest and the lower left portion of the vest being dependent upon the individual one of the different sizes of the patient.

33. (Currently amended) In a combination as set forth in claim 32 wherein

V_1 and V_2 electrodes are disposed in the upper right portion of the vest regardless of the size of the patient and wherein

the V_1 and V_2 electrodes in the upper right portion of the vest are symmetrically disposed relative to the patient's sternum for each individual one of the different sizes ~~regardless of the size~~ of the patient and wherein

V_4 and V_5 and V_5 electrodes are disposed in positions in the lower left portion of the vest ~~regardless~~ for each individual one of the different ~~of the size~~ sizes of the patient.

34. (Currently amended) In a combination as set forth in claim 32 wherein

V_4, V_5 and V_6 electrodes are disposed in spaced positions in an individual one of the rows in the lower left ~~upper right~~ portion of the vest when the patient has the individual one of the different sizes.~~regardless of the size of the patient.~~ and wherein

the V_4, V_5 and V_6 electrodes are disposed in individual columns of the vest ~~regardless of the size of~~ when the patient has the individual one of the different sizes of the patient.

35. (Currently amended) In a combination as set forth in claim 33 wherein

a V_3 electrode is disposed in either the upper right portion of the vest or the lower left portion of the vest dependent upon the individual one of the different sizes of the patient.

36. (Currently amended) In a combination as set forth in claim 35 wherein

V_1 and V_2 electrodes are in positions in the upper right portion of the vest in the same horizontal row on opposite sides of the sternum in a symmetrical relationship with the sternum when the patient has the individual one of the different sizes, ~~regardless of the size of the patient~~ and wherein

V_4, V_5 and V_6 electrodes are in positions in the lower left portion of the vest in the same horizontal row when the patient has the individual one of the different sizes. ~~regardless of the size of the patient.~~

37. (Currently amended) In a combination as set forth in claim 32 wherein

there are two (2) electrodes in the positions in the upper right portion of the vest and these electrodes are in the same row in a symmetrical relationship with the sternum of the patient for the different sizes ~~regardless of the size~~ of the patient and wherein

a third electrode is in either the upper right portion of the vest or the lower left portion of the vest in a row and column different from the rows and columns of the first two electrodes, the positioning of the third electrode being dependent upon the individual one of the different sizes of the patient and wherein

there are three additional electrodes in positions in the lower left portion of the vest and all of these are in the same horizontal row but in a row different from the rows locating the first, second and third electrodes and in columns different from the first, second and third electrodes and from one another, the positioning of the three additional electrodes ~~additional~~ being dependent upon the individual one of the different sizes of the patient.

38. (Currently amended) In a combination as set forth in claim 32 wherein

positions are provided in the upper right portion of the vest and in the lower left portion of the vest to provide for the disposition of electrodes in particular ones of the positions for the different sizes of the patient[[s]] ~~of small, medium and large sizes~~ and wherein

each of the electrodes is in a different column than the other electrodes for the different sizes ~~each patient regardless of the size~~ of the patient.

39. (Currently amended) In a combination as set forth in claim 38 wherein

the upper right portion of the vest overlaps the lower left portion of the vest and wherein

at least two (2) electrodes are disposed in positions in the upper right portion of the vest for the different sizes ~~regardless of the sizes~~ of the patient and wherein

three electrodes are disposed in positions in the lower left portion of the vest for the different sizes ~~regardless of the size~~ of the patient and wherein

a sixth electrode is disposed in either the upper right portion of the vest or the lower left portion of the vest for the different sizes ~~dependent upon the size~~ of the patient.

40. (Currently amended) In a combination for providing signals at different positions in a patient's heart,

a vest constructed to be worn by the patient for any one of a plurality of different sizes of the patient, ~~regardless of whether the patient is a small, medium or large size,~~

a first plurality of positions in the upper right portion of the vest and a second plurality of positions in the lower left portion of the vest,

the positions in the upper right portion and the lower left portion of the vest defining rows and columns, [[and]]

electrodes disposed in particular ones of the positions in the upper right portion and the lower left portion of the vest for providing signals indicative of the

characteristics of the patient's heart at the particular positions for any one of the different sizes of the patient, ~~regardless of the size of the patient.~~

each of the electrodes for patients of individual ~~ones of the different size~~ sizes being disposed in [[on]] columns different from the other electrodes for the patients of the individual one of the different sizes. [[size.]]

41. (Currently amended) In a combination as set forth in claim 40,

the electrodes being disposed relative to the vest and being operative to produce signals indicative of V_1-V_6 positions in the patient for the patient of the individual one of the different sizes, ~~regardless of the size of the patient,~~

~~the electrodes being disposed in the vest is to monitor the heart beat of the patient of small, medium and large sizes.~~

42. (Currently amended) In a combination as set forth in claim 40,

the first and second pluralities of positions ~~electrode~~ being disposed in the front of the vest and

~~transfer~~ a third plurality of positions in the upper right portion of the vest being disposed in a common row [[low]] dependent upon the size of the patient and a fourth ~~the second~~ plurality of positions in the lower left portion of the vest being disposed in a common row dependent upon the size of the patient, and the third and fourth pluralities of positions being disposed in the rear of the vest,

~~second~~ electrodes disposed in particular ones of the third and fourth pluralities of positions for providing signals indicative of the characteristics of the heart at these positions. ~~regardless of the size of the patient.~~

43. (Currently amended) In a combination as set forth in claim 42,

the ~~second~~ electrodes in the rear of the vest being disposed relative to the patient and being operative to produce signals indicative of different ~~relatively rare~~ heart problems than ~~in comparison to~~ the heart problems indicated by the signals from the [[first]] electrodes in the front of the patient.

44. (Currently amended) In a combination for providing signals at different positions in a patient, the patient having an individual one of a plurality of sizes, ~~small, medium and large size,~~

a vest constructed to be worn by the patient having the individual one of the plurality of sizes, ~~regardless of the size of the patient~~,

a plurality of positions in the vest,

a plurality of electrodes each adapted to be disposed in an individual one of the plurality of positions and operative to provide signals indicative of the characteristics of the heart at this position for an individual one of the plurality of sizes of the patient, and

a plurality of unity-gain ~~operational~~ amplifiers each connected to an individual one of the plurality of electrodes to amplify the signals from the individual one of the plurality of electrodes[[,]] without changing the characteristics of the signals on the electrode, the amplifiers being supported by the vest to facilitate ambulatory movement of the patient with the vest, and

each of the electrodes ~~for the patient~~ having an individual one of the plurality of sizes for the patient ~~regardless of the size of the patient~~ being disposed in a column different from the columns for disposing the other electrodes that have the individual one of plurality of sizes for the patient.

45. (Currently amended) In a combination as set forth in claim 44,

the amplifiers being constructed to amplify the signals in the electrodes while maintaining the characteristics of the signals in the electrodes, and to reduce noise

in the amplified signals to a level below that affecting the characteristics of the amplified signals, during ambulatory movements of the patient, ~~the amplifiers being constructed to amplify the signals, while substantially eliminating without producing noise in the signals, regardless of the size of the patient during ambulatory movements of the patient with the vest disposed on the patient~~.

46. (Currently amended) In a combination as set forth in claim 44 wherein electrodes disposed in first positions in the vest provide signals indicative of relatively common problems in the patient's heart and electrodes disposed in second positions in the vest provide signals indicative of relatively uncommon [[rare]] problems in the patient's heart, the first positions in the vest being disposed in the front of the patient and the second positions being disposed in the back of the patient.

47. (Previously presented) In a combination as set forth in claim 46 wherein the amplifiers are constructed to provide signals indicative of the characteristics of the heart defined by the positions of the electrodes while substantially eliminating noise resulting from any ambulatory movements of the patient.

48. (Currently amended) In a combination as set forth in claim 44. the amplifiers being constructed to [[while]] maintain[[ing]] the characteristics of the signals in the electrodes, and to reduce noise in the amplified signals to a level below that affecting the characteristics of the amplified signals, during ambulatory movements of the patient, ~~with the vest of the patient, the amplifiers being constructed to amplify the signals, while substantially eliminating without producing noise in the signals, regardless of the size of he patient during ambulatory movements of the patient with the vest disposed on the patient.~~

first electrodes in the plurality being disposed in first positions in the vest to provide signals indicative of relatively common problems in the patient's heart and second electrodes in the plurality being disposed in second positions in the vest to provide signals indicative of relatively uncommon [[rare]] problems in the patient's heart,

the first positions in the vest being disposed in the front of the patient and the second positions being disposed in the back of the patient.

~~electrodes disposed at first positions in the vest provide signals indicative of relatively common problems in the patient's heart and electrodes disposed at second positions in the vest provide signals indicative of relatively rare problems in the patient's heart and wherein~~

~~the amplifiers are constructed to provide signals indicative of the characteristics of the heart defined by the positions of the electrodes without any noise resulting from any ambulatory movements of the patient regardless of the size of the patient.~~

49. (Currently amended) In a combination for providing signals at different positions in a patient's heart,

a vest constructed to be worn by the patient for any individual one of a plurality of different sizes of the patient ~~regardless of the size of the patient~~,

a plurality of positions in the vest,

a plurality of electrodes each disposed in an individual one of the positions in the vest, and being operative to provide signals indicative of the characteristics of the patient's heart at the individual one of the positions, for the individual one of the different sizes of the patient, and

a plurality of amplifiers each adapted to be connected to an individual one of the electrodes to amplify the signals from the individual one of the electrodes, the amplifiers being constructed to provide signals identifying ~~indicative of~~ the characteristics of the patient's heart dependent upon the positions of the electrodes, while substantially reducing noise below a level affecting the characteristics of the signals, during ~~resulting from~~ ambulatory movements of the patient.

50. (Currently amended) In a combination as set forth in claim 49,

each of the electrodes being disposed in the vest at an individual one of the different position[[s]] in the vest for patients having an individual one of the different sizes of the patient.~~small, medium and large sizes~~

51. (Currently amended) In a combination as set forth in claim 49,

each of the electrodes being adapted to be disposed in a coupled relationship with the patient's skin to apply pressure against the patient's skin with a value greater than a particular value for any one of the different sizes of the patient.~~patients of small, medium and large size~~

52. (Currently amended) In a combination as set forth in claim 50,

each of the electrodes being adapted to be disposed in a coupled relationship to the patient's skin to apply a pressure to the patient's skin at a value greater than a particular value for patients of any one of the different ~~small, medium and large~~ sizes ~~greater than a particular value~~ for producing signals indicative of the characteristics of the patient's heart at the position of the electrode.

53. (Currently amended) In a combination as set forth in claim 49,

each of the electrodes being adapted to be disposed in the vest at an individual one of the positions in the vest for patients of any individual one of the different ~~small, medium and large~~ sizes of the patient to obtain signals indicative of the characteristics of the heart of the patient at the individual one of the positions. ~~for any one of the different small medium or large sizes~~.

54. (Currently amended) In a combination as set forth in claim 50,

each of the electrodes being adapted to be disposed in a coupled relationship with the patient's skin to apply a pressure against the patient's skin of at least a particular value,

each of the electrodes being disposed in the vest at an individual one of the positions in the vest for patients for any one of the different ~~small, medium and large~~

sizes to obtain signals indicative of the characteristics of the patients of small, medium and large sizes.

55-77 Cancelled.

78. (Previously presented) In a combination for providing signals at different positions [[on]] in a patient's heart

a vest constructed to be worn by the patient when the patient [[is]] has any individual one of a small, medium, or large size,

a first portion of the vest being provided with a plurality of rows and columns,

a plurality of electrodes including V_1 and V_2 electrodes disposed in ~~a front~~ the first portion of the vest when the patient has any individual one of the small, medium and large sizes,

the V_1 and V_2 electrodes being disposed in a common row individual to the patient being of the small, medium [[and]] or large size,

the ~~column's~~ columnar positions of the V_1 and V_2 electrodes in the row being dependent upon the individual [[to]] one of the small, medium [[or]] and large [[size]] sizes of the patient.

79. (Currently Amended) In a combination as set forth in claim 78,

the V_1 and V_2 electrodes being positioned on opposite sides of the patient's sternum ~~regardless of the size of~~ when the patient has the individual one of the small, medium and large sizes.

80. (Currently Amended) In a combination as set forth in claim 78,

the ~~column or~~ columnar distance between the electrodes in the row common to the V_1 and V_2 electrodes being ~~designed~~ dependent upon the size of the patient.

81. (Currently Amended) In a combination as set forth in claim 79,

the ~~column or~~ columnar distance between the V_1 and V_2 electrodes in the row common to the electrodes being dependent upon the [[size]] individual one of the different sizes of the patient.

82. (Currently Amended) In a combination as set forth in claim 78,

the ~~column~~ columnar distance between the V_1 and V_2 electrodes being greater for patients of large size than for patients of small and medium sizes.

83. (Currently Amended) In a combination as set forth in claim 78,

the first portion of the vest extending on opposite sides of the patient's sternum and ~~five (5)~~ having a plurality of columns and ~~three (3)~~ a plurality of rows.

84. (Currently Amended) In a combination as set forth in claim 79,

the ~~column or~~ columnar distance between the V_1 and V_2 electrodes in the row common to the electrodes being dependent upon the size of the patient and

the ~~column or~~ columnar distance between the V_1 and V_2 electrodes being greater for patients of large size than for patients of small and medium sizes.

85. (Currently Amended) In a combination as set forth in claim 78,

the ~~column or~~ columnar distance between the V_1 and V_2 electrodes being greater for patients of large size than for patients of small and medium sizes.

86. (Previously Presented) In a combination as set forth in claim 78,

a plurality of unity-gain amplifiers each adapted to be connected to an individual one of the electrodes.

87. (Currently Amended) In a combination for providing signals at different positions in a patient's heart,

a vest constructed to be worn by the patient ~~regardless of whether~~ when the patient [[is]] has any individual one of a small, medium or large size,

a first portion of the vest being provided with a plurality of rows and columns,

a plurality of electrodes including V_4, V_5 and V_6 electrodes being disposed in the first portion of the vest for patients [[of]] having an individual one of the small, medium and large sizes,

the V_4, V_5 and V_6 electrodes being disposed in the first portion in a common row which is dependent upon the individual one of the small, medium and large sizes of the patient.

88. (Currently Amended) In a combination as set forth in claim [[86,]] 87,

the columnar positions of the V_4, V_5 and V_6 electrodes being dependent upon the individual one of the small, medium and large sizes of the patient.

89. (Currently Amended) In a combination as set forth in claim 87,

the first portion of the vest having three (3) rows and eight (8) columns.

90. (New) In a combination as set forth in claim 87,

a second portion of the vest having three (3) rows and five (5) columns,

the column or distance between the a pair of V_1 and V_2 electrodes being disposed in the second portion of the vest, the V_1 and V_2 electrodes being disposed in an individual one of the rows in the second portion dependent upon the individual one of the small, medium and large sizes of the patient.

91. (New) In a combination as set forth in claim 87,

a plurality of unity-gain amplifiers each adapted to be connected to an individual one of the electrodes.

92. (New) Apparatus for providing signals at specified positions in a patient's heart regardless of whether the patient has a small, medium or large size, the apparatus comprising:

a vest constructed to be worn by the patient;

a plurality of electrodes; and

a plurality of positions in the vest, each position being provided with characteristics to receive an individual electrode, wherein

the plurality of positions are disposed such that a first arrangement of the electrodes on the vest provides signals at said specified positions in the patient's heart when the patient has a small size, a second arrangement of the electrodes on the vest provides signals at said specified positions in the patient's heart when the patient has a medium size, and a third arrangement of the electrodes on the vest provides signals at said specified positions in the patient's heart when the patient has a large size.

93. (New) The apparatus of claim 92 wherein
the apparatus comprises six electrodes and wherein
said specified positions in the patient's heart are the V_1-V_6 positions.

94. (New) The apparatus of claim 92 further comprising unity-gain amplifiers responsive to the signals on the electrodes for providing signals having characteristics corresponding to the characteristics of the signals on the electrodes.

95. (New) The apparatus of claim 92 wherein
the signals from the unity-gain amplifiers are independent of noise that may result from ambulation of the patient.

96. (New) The apparatus of claim 93 wherein
the amplifiers provide an amplification of the signals introduced to the amplifiers without the passage of high frequency noise through the amplifiers.

97. (New) The apparatus of claim 96
wherein the amplifiers provide an amplification of the signals introduced to the amplifiers from the electrodes without change in the phase or amplitude characteristics of the signals.

98. (New) The apparatus of claim 97 wherein
each amplifier receives a respective signal from an individual one of the electrodes; and

each amplifier is supported by the vest to facilitate ambulatory movement of the patient with the vest.

99. (New) The apparatus of claim 92 wherein

the plurality of positions on the vest are disposed in rows and columns.

100. (New) The apparatus of claim 99 wherein

the electrodes are positioned on the vest so that at most only one electrode is disposed in each column regardless of the size of the patient.

101. (New) The apparatus of claim 92 wherein

each electrode is disposed on the vest so as to provide a pressure against the patient at least equal to a particular value.

102. (New) The apparatus of claim 92 wherein

the plurality of positions comprises a first plurality of positions disposed in rows and columns in an upper right portion of the vest and a second plurality of positions disposed in rows and columns in a lower left portion of the vest, and wherein the electrodes are disposed on the vest in positions in both the upper right and lower left portions of the vest.

103. (New) The apparatus of claim 102 wherein

V_1 and V_2 electrodes are disposed in the upper right portion of the vest regardless of the size of the patient;

the V_1 and V_2 electrodes in the upper right portion of the vest are symmetrically disposed relative to the patient's sternum; and

electrodes are disposed in positions in the upper right portion of the vest regardless of the size of the patient.

104. (New) The apparatus of claim 103 wherein

V_4 and V_5 and V_6 electrodes are disposed in positions in an individual one of the rows in the lower left portion of the vest, regardless of the size of the patient.

105. (New) The apparatus of claim 102

wherein a V_3 electrode is disposed in either the upper right portion or the lower left portion of the vest dependent upon the size of the patient.

106. (New) The apparatus of claim 102 wherein

V_1 and V_2 electrodes are in positions in the upper right portion of the vest in the same horizontal row on opposite sides of the sternum in a symmetrical relationship with the sternum regardless of the size of the patient; and

V_4, V_5 and V_6 electrodes are in positions in the lower left portion of the vest in the same horizontal row.

107. (New) The apparatus of claim 102 wherein

there are two electrodes (V_1 , V_2) in the upper right portion of the vest in the same row in a symmetrical relationship with the sternum of the patient regardless of the size of the patient;

a third electrode (V_3) is in either the upper right portion of the vest or in the lower left portion of the vest in a row and column different from the row and columns of the first two electrodes (V_1, V_2), the positioning of the third electrode (V_3) being dependent upon the size of the patient; and

there are three additional electrodes (V_4, V_5, V_6) in the lower left portion of the vest and all of these are in the same horizontal row but in a row different from the rows locating the other electrodes (V_1, V_2, V_3) and in columns different from the other electrodes (V_1, V_2, V_3) and from one another, the positioning of the three additional electrodes (V_4, V_5, V_6) being dependent upon the size of the patient.

108. (New) The apparatus of claim 92 wherein

electrodes (V_1-V_6) are disposed in the front of the vest and additional electrodes are disposed in the back of the vest.

109. (New) The apparatus of claim 92 wherein

the electrodes are disposed differently in the first, second and third arrangements.